

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P.O. Box 7599
Loveland, Colorado 80537-0599

Image
PATENT APPLICATION

ATTORNEY DOCKET NO. 10021239.1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Adamian

Serial No.: 10/635,395

Examiner:

Filing Date: Aug 5, 2003

Group Art Unit:

Title: Method and Apparatus for Measuring a Device Under Test Using an Improved Through-Reflect-Line Measurement Calibration

COMMISSIONER FOR PATENTS

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. _____ filed _____, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

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Date of Deposit

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

By _____

Typed Name:

Respectfully submitted,

Adamian

By *June L. Bouscaren*

June L. Bouscaren

Attorney/Agent for Applicant(s)

Reg. No. 37,928

Date: Nov 17, 2003

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PATENT APPLICATION

Sheet 1 of 2



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10021239-1

SERIAL NO.

10/635,395

APPLICANT

Adamian

FILING DATE

Aug 5, 2003

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
		US20030173978	Sep 18, 2003	Adamian et al.
		5,467,021	Nov 14, 1995	Adamian
		5,578,932	Nov 26, 1996	Adamian
		5,434,511	Jul 18, 1995	Adamian et al.
		5,548,211	Aug 20, 1996	Adamian et al.
		5,793,213	Aug 11, 1998	Bockelman et al.
		5,825,669	Oct 20, 1998	Oldfield et al.
		6,300,775	Oct 9, 2001	Peach et al.

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Ferrero et al., "A New Implementation of a Multiport Automatic Network Analyzer", IEEE Transactions on Microwave Theory and Techniques, Vol. 40, No. 11, Nov 1992
	Ferrero et al., "Accurate Coaxial Standard Verification By Multiport Vector Network Analyzer", IEEE MTT-S Digest, 1994
	Marks, "A Multiline Method of Network Analyzer Calibration", IEEE Transactions on Microwave Theory and Techniques, Vol. 39 No. 7, July 1991.

EXAMINER

DATE CONSIDERED

* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)



PATENT APPLICATION

Sheet 2 of 2

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		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Rytting, "Advances in Microwave Error Correction Techniques", RF&Microwave Measurement Symposium and Exhibition, June 1987
	Rytting, "Network Analyzer Error Models and Calibration Methods", Date unknown
	Ferrero, "Two-Port Network Analyzer Calibration Using an Unknown Thru", IEEE Microwave and Guided Wave Letters, Vol. 2, No. 12, Dec 1992.

EXAMINER

DATE CONSIDERED

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